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A B S T R A C T

A process for making a disposable diaper wherein a plurality of backsheets destined to face a garment are successively connected one to another along respective side edges to form a first web. A first web is continuously fed in its longitudinal direction. Tape fastener members extending in the longitudinal direction are fed to the respective backsheets being contiguous one to another in the first web so as to straddle respective lines corresponding to the side edges of the respective backsheets. Each of the tape fastener members has its longitudinally opposite end portions folded in a Z-shape or an inverted Z-shape. Top sections of these Z-shape and inverted Z-shape are coated on respective under surfaces with a first self-adhesive and bottom sections of these Z-shape and inverted Z-shape are coated on respective under surfaces with a second self-adhesive. The tape fastener member is bonded to the first web by means of the second self-adhesive. The first web and the tape fastener member are simultaneously cut along the line.